WHAT IS CLAIMED IS:

1   1. A telecommunications system, comprising:

2   a Serving GPRS support node (SGSN) adapted to interface to a mobile

3 station; and

4   a gateway GPRS support node (GGSN) adapted to couple to a packet

5 network;

6   wherein said SSGN includes a Session Initiation Protocol (SIP) user agent for

7 interfacing to a SIP application server, to provide multimedia services to said mobile

8 station.

1   2. A telecommunications system in accordance with claim 1, said SGSN

2 adapted to initiate a PDP context activation procedure if said SGSN determines, or

3 an other network function/entity instructs the SGSN, that such a PDP context

4 activation is needed to support further services.

1   3. A telecommunications system in accordance with claim 2, said PDP

2 activation procedure adapted to be implemented at DP attach or other detection

3 points.

1   4. A telecommunications method, comprising:

2   processing a detection point attach when the normal GPRS attach process is

3 successful but is not completed;

4   an SGSN requesting PDP context activation; and

5   triggering an SIP request.

1   5. A GPRS telecommunications system, comprising:

2   a Serving GPRS support node (SGSN) adapted to interface to a mobile

3 station, wherein said SGSN includes a Session Initiation Protocol (SIP) user agent;

4   a gateway GPRS support node (GGSN) adapted to couple to a packet

5 network; and

6   a SIP application server, said SIP user agent and said SIP application server

7 adapted to provide multimedia services to said mobile station.

1   6. A GPRS telecommunications system in accordance with claim 5, said

2 SGSN and said SIP application server adapted to implement an operator owned

3 PDP context activation.

1   7. A GPRS telecommunications system in accordance with claim 6, said

2 operator owned PDP activation procedure adapted to be implemented at DP attach

3 or other detection points.

1   8. A GPRS telecommunications system in accordance with claim 7, said

2 SGSN and said SIP application server adapted to implement push services.

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1   9. A GPRS telecommunications system in accordance with claim 7, said

2 SGSN and said SIP application server adapted to implement presence status.

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1   10. A GPRS telecommunications system in accordance with claim 7, said

2 SGSN and said SIP application server adapted to implement push pre-paid

3 recharging service.

1   11. A method, comprising:

2   providing a Serving GPRS support node (SGSN) adapted to interface to a

3 mobile station, wherein said SGSN includes a Session Initiation Protocol (SIP) user

4 agent;

5   providing a gateway GPRS support node (GGSN) adapted to couple to a

6 packet network; and

7   providing a SIP application server, said SIP user agent and said SIP

8 application server adapted to provide multimedia services to said mobile station.

1   12. A method in accordance with claim 11, said SGSN and said SIP

2 application server adapted to implement an operator owned PDP context activation.

1   13. A method in accordance with claim 12, said operator owned PDP
2 activation procedure adapted to be implemented at DP attach or other detection
3 points.

1   14. A method in accordance with claim 13, said SGSN and said SIP
2 application server adapted to implement push services.
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1   15. A method in accordance with claim 13, said SGSN and said SIP
2 application server adapted to implement presence status.
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1   16. A method in accordance with claim 13, said SGSN and said SIP
2 application server adapted to implement push pre-paid recharging service.
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1   17. A method in a GPRS network, comprising:
2   requesting a DP attach from a mobile station to an SGSN;
3   requesting a PDP context activation from said SGSN to said mobile station;
4   performing a PDP context activation in response to said requesting; and
5   pushing content to said mobile station.
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1   18. A method in accordance with claim 17, said content comprising one or
2 more Web pages.
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1   19. A method in accordance with claim 18, further comprising implementing
2 push pre-paid recharging service.

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